

Express Mail No.: EV 741 236 478 US
Docket No.: 819CIP/US

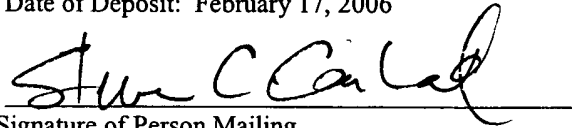
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Tang, et al.
Serial No: 10/531,164
I.A. Serial No: PCT/US03/30720
I.A. Filing Date:: September 20, 2003
For: NOVEL NUCLEIC ACIDS
AND POLYPEPTIDES
Art Unit: Not yet assigned

**CERTIFICATE OF MAILING
BY "EXPRESS MAIL" UNDER 37 CFR § 1.10**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as "Express Mail Post Office to Addressee" under 37 CFR § 1.10 on the date indicated below, using Express Mail Label No. EV 741 236 478 US, and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

Name of Person Mailing: Steven C. Garland
Date of Deposit: February 17, 2006


Signature of Person Mailing

**PETITION FOR FILING WHEN AN INVENTOR
CANNOT BE REACHED UNDER 37 CFR 1.47(A)**

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.47(a), Applicants hereby petition for Filing when an Inventor cannot be reached.

The last known address for inventor Qing Zhao is 1556 Kooser Road, San Jose, CA 95118. The last known address for inventor Feiyan Ren is 7703 Oak Meadow Court, Cupertino, CA 95014. However, attempts to reach these inventors at the addresses provided have been unsuccessful.

On July 14, 2005, Applicants' representative sent to inventor Qing Zhao a copy of the patent application and sequence listing, with a request to execute the Declaration, Power of Attorney and Assignment documents. A copy of each of the documents sent to Qing Zhao, including the letter transmitting the documents, is attached as Exhibit A. A copy of the original Federal Express

shipping label, and the tracking results confirming delivery on July 15, 2005, are attached as Exhibit B. On August 3, 2005, the unsigned documents were shipped back to Applicants' representative via Federal Express. A photocopy of the Federal Express return envelope, with the handwritten notation "No Longer Living Here" is attached as Exhibit C.

Also on July 14, 2005, Applicants' representative sent to inventor Feiyan Ren a copy of the patent application and sequence listing, with a request to execute the Declaration, Power of Attorney and Assignment documents. A copy of each of the documents sent to Feiyan Ren, including the letter transmitting the documents, is attached as Exhibit D. A copy of the original Federal Express shipping label is attached as Exhibit E. After three unsuccessful attempts to deliver the documents, they were returned to Applicants' representative. A photocopy of the FedEx envelope, detailing the delivery attempts, is attached as Exhibit F.

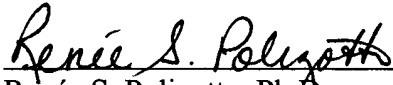
Applicants therefore petition in accordance with 37 CFR 1.47(a) to file the Declaration and Power of Attorney on behalf of themselves and the nonsigning, unreachable inventors Qing Zhao and Feiyan Ren.

The Commissioner is hereby authorized to charge payment of \$200 for the Petition fee under 37 CFR 1.17(g), and is further authorized to charge any fees due or credit any overpayment to Deposit Account No. 50-1169.

Respectfully submitted,

Dated: February 17, 2006

By:


Renée S. Polizotto, Ph.D.
Agent for Applicants
Registration No.: 53,474
Customer No. 34285
NUVELO, Inc.
201 Industrial Road, Suite 310
San Carlos, CA 94070
Tel: 650.517.8422
Fax: 650.517.8003

Express Mail No.: EV 741 236 478 US
Docket No.: 819CIP/US

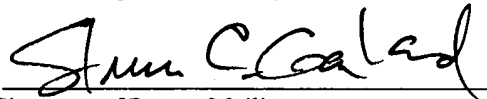
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Tang, et al.
Serial No:	10/531,164
I.A. Serial No:	PCT/US03/30720
I.A. Filing Date::	September 20, 2003
For:	NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
Art Unit:	Not yet assigned

**CERTIFICATE OF MAILING
BY "EXPRESS MAIL" UNDER 37 CFR § 1.10**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as "Express Mail Post Office to Addressee" under 37 CFR § 1.10 on the date indicated below, using Express Mail Label No. EV 741 236 478 US, and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

Name of Person Mailing: Steven C. Garland
Date of Deposit: February 17, 2006


Signature of Person Mailing

PETITION FOR FILING WHEN AN INVENTOR REFUSES TO SIGN
UNDER 37 CFR 1.47(a)

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants submit this Petition for Filing When an Inventor Refuses to Sign for uncooperative inventor Tom Wehrman. The circumstances are as follows:

On July 14, 2005, Applicants' representative sent to inventor Tom Wehrman a copy of the patent application and sequence listing, with a request to execute the Declaration, Power of Attorney and Assignment documents. A copy of each of the documents sent to Tom Wehrman, including the letter transmitting the documents, is enclosed as Exhibit G.

Mr. Wehrman's current address of record is: CCSR Mol Pharm 3210, 269 West Campus Drive, Stanford, CA 94305. The documents were sent via FedEx, Tracking Number 7905 7765

6012. The package was delivered to the Receptionist/Front Desk at the above address on July 15, 2005 at 11:46 a.m., where it was signed for by R. Miller, as evidenced by Exhibit H.

Mr. Wehrman has not returned the signed documents nor has he responded to e-mail and telephone requests by Applicants' representative for his cooperation in signing and returning the documents (see Exhibits I and J).

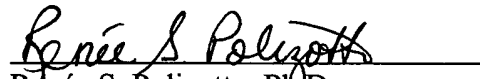
Applicants respectfully request the Commissioner to declare Mr. Wehrman an uncooperative inventor and allow the remaining inventors to make the application by themselves and the nonsigning inventor.

The Commissioner is authorized to charge the Petition fee under 37 CFR 1.17(g) of \$200 to the Nuvelo, Inc. deposit account no. 50-1169. The Commissioner is also authorized to charge any additional fees, or credit any overpayment, to the Nuvelo, Inc. deposit account no. 50-1169.

Respectfully submitted,

Dated: February 17, 2006

By:



Renée S. Polizotto, Ph.D.

Agent for Applicants

Registration No.: 53,474

Customer No. 34285

NUVELO, Inc.

201 Industrial Road, Suite 310

San Carlos, CA 94070

Tel: 650.517.8422

Fax: 650.517.8003

July 14, 2005

VIA FEDERAL EXPRESS

Qing Zhao
1556 Kooser Road
San Jose, CA 95118

**Re: Novel Nucleic Acids and Polypeptides
U.S. Serial No. 10/531,164
Docket No.: 819CIP/US**

Dear Qing:

Enclosed in this package, please find:

1. A copy of the patent application as filed (including the Sequence Listing and tables);
2. A Declaration;
3. An Assignment document; and
4. Power of Attorney.

Please sign and date all documents and return them to me by **August 15, 2005** using the enclosed pre-paid, pre-addressed FedEx envelope. Note that we have waived the notarization requirement.

Before signing the documents please verify that all your information is correct. If any changes need to be made, cross out the incorrect information, write in the correct information and **initial and date next to the change**.

Please contact me at 408.215.4556 or equertermous@nuvelo.com if you have any questions or concerns.

Very truly yours,

Elena Quertermous
Patent Agent

:ip
Enclosures

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Application Number	10/531,164
Filing Date	April 12, 2005
First Named Inventor	Tang, Yuanhua T.
Title	Novel Nucleic Acids and ...
Art Unit	
Examiner Name	
Attorney Docket Number	819CIP/US

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

34285

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name

Address

City

State

Zip

Country

Telephone

Email

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature		Date	
Name	Qing A. Zhao	Telephone	408-215-4000
Title and Company			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 15 _____ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**Declaration
Submitted
With Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)Attorney Docket
Number

819CIP/US

First Named Inventor

Y. Tom Tang

COMPLETE IF KNOWN

Application Number

10/531,164

Filing Date

April 12, 2005

Art Unit

Examiner Name

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

04/12/2005

as United States Application Number or PCT International

Application Number

10/531,164

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
PCT/US03/30720	US	09/30/2003	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to:		<input checked="" type="checkbox"/> The address associated with Customer Number:	34285	OR	<input type="checkbox"/> Correspondence address below
Name					
Address					
City			State		ZIP
Country		Telephone		Email	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])				Family Name or Surname	
Y. Tom				TANG	
Inventor's Signature					Date
Residence: City		State		Country	
Beverly		MA		US	
Mailing Address					
25 Broadway #1A					
City		State		Country	
Beverly		MA		US	
Zip		Country			
01915		US			
NAME OF SECOND INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])				Family Name or Surname	
Vinod				Asundi	
Inventor's Signature					Date
Residence: City		State		Country	
Foster City		CA		US	
Mailing Address					
709 Foster City Blvd.					
City		State		Country	
Foster City		CA		US	
Zip		Country			
94404		US			
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.					

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet
Page <u>3</u> of <u> </u>	

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Feiyan		REN	
Inventor's Signature		Date	
Cupertino Residence: City	CA State	US Country	US Citizenship
7703 Oak Meadow Court			
Mailing Address			
Cupertino City	CA State	95014 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Rui-hong		CHEN	
Inventor's Signature		Date	
Foster City Residence: City	State	US Country	US Citizenship
1031 Flying Fish Street			
Mailing Address			
Foster City City	CA State	94404 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jie		ZHANG	
Inventor's Signature		Date	
Campbell Residence: City	CA State	US Country	PR China Citizenship
4864 Pinemont Drive			
Mailing Address			
Campbell City	CA State	95008 Zip	US Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 4 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Qing A.		Zhao	
Inventor's Signature			Date
San Jose Residence: City	CA State	US Country	US Citizenship
1556 Kooser Road			
Mailing Address			
San Jose City	CA State	95118 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jian-Rui		WANG	
Inventor's Signature			Date
San Jose Residence: City	CA State	US Country	PR China Citizenship
1516 Camino Cerrado			
Mailing Address			
San Jose City	CA State	95128 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Malabika J.		GHOSH	
Inventor's Signature			Date
Seattle Residence: City	WA State	US Country	India Citizenship
725 10th Ave E. # 2			
Mailing Address			
Seattle City	WA State	98102 Zip	US Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental Sheet

Page 5 of _____

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Aldong		XUE	
Inventor's Signature		Date	
Sunnyvale Residence: City	CA State	US Country	US Citizenship
1621 So. Mary Avenue Mailing Address			
Sunnyvale City	CA State	94087 Zip	US Country
Name of Additional Joint Inventor, if any:		<input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Tom		WEHRMAN	
Inventor's Signature		Date	
Stanford Residence: City	CA State	US Country	US Citizenship
CCSR Mol Pharm 3210 269 W. Campus Drive Mailing Address			
Stanford City	CA State	94305 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Gezhi		WENG	
Inventor's Signature		Date	
Piedmont Residence: City	CA State	US Country	India Citizenship
415 Moraga Ave. Mailing Address			
Piedmont City	CA State	94611 Zip	US Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 6 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Ping		ZHOU	
Inventor's Signature			Date
Cupertino Residence: City	CA State	US Country	US Citizenship
7595 Newcastle Drive			
Mailing Address			
Cupertino City	CA State	95014 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
27635 Red Rock Road			
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Zhiwei		WANG	
Inventor's Signature			Date
Athens Residence: City	GA State	US Country	PR China Citizenship
107 Benedict Court			
Mailing Address			
Athens City	GA State	30605 Zip	US Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 7 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Yunqing		MA	
Inventor's Signature		Date	
Santa Clara Residence: City	CA State	US Country	PR China Citizenship
3760 Tamarack Lane #36			
Mailing Address			
Santa Clara City	CA State	95051 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Dunrui		WANG	
Inventor's Signature		Date	
Poway Residence: City	CA State	US Country	PR China Citizenship
12252 Pepper Tree Lane			
Mailing Address			
Poway City	CA State	92064 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ASSIGNMENT

Serial No: 10/531,164
Filed: TBD
Title: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

For One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to NUVELO, Inc., a Delaware corporation, 675 Almanor Avenue, Sunnyvale, California, 94085, (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in the above-identified application for Letters Patent of the United States, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

Date

Y. Tom Tang

Date

Vinod Asundi

Date

Feiyan Ren

Date

Jie Zhang

Date

Jian-Rui Wang

Date

Malabika J. Ghosh

Date

Aidong Xue

Date

Tom Wehrman

Date

Gezhi Weng

Date

Ping Zhou

Date

Zhiwei Wang

Date

Yunqing Ma

Date

Dunrui Wang

Date

Rui-hong Chen

Date

Quing A. Zhao

From: Origin ID: (408)215-4381
Legal Department
Nuvelo, Inc.
675 Almanor Ave
Legal Department
sunnyvale, CA 94085



CL806135308/15

SHIP TO: (408)266-4768
Qing (Angela) Zhao

BILL THIRD PARTY

1556 Kooser Road

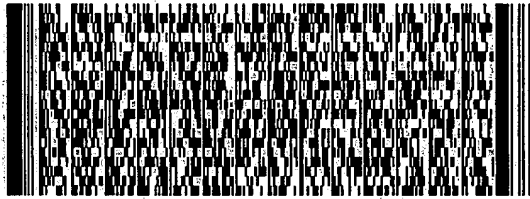
San Jose, CA 95118

Ship Date: 14JUL05
Actual Wgt: 1 LB
System#: 8548405/INET??
Account#: S *****

REF: legal



Delivery Address Bar Code



STANDARD OVERNIGHT

FRI

TRK# 7923 3207 0629

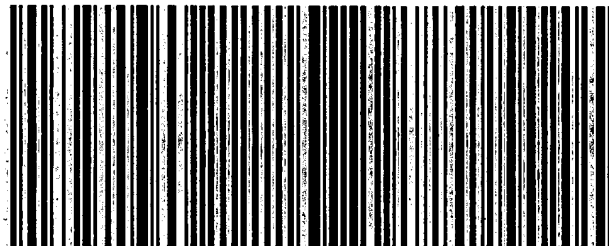
FORM
0201Deliver By:
15JUL05

SJC

A2

95118 -CA-US
RES

WA SJCA



Shipping Label

This shipping label constitutes the air waybill for this shipment.

[View all labels](#)

1. Use the "Print" feature from your browser to send this page to your laser printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping label pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

[United States Home](#)[Information Center](#) | [Custom](#)[Search](#)[Package / Envelope Services](#)[Office / Print Services](#)[Freight Services](#)[Expedited Servi](#)[Ship](#)[Track](#)[Manage My Account](#)[International Tools](#)[My FedEx Home](#) | [Preferences](#) | [My Profile](#) | [Log Out](#)

Welcome Legal

Track Shipments
Detailed Results[? Quick Help](#)

Tracking number	792332070629	Reference	LEGAL
Signed for by	M.LMIPOD	Destination	SAN JOSE, CA
Ship date	Jul 14, 2005	Service type	FedEx 2Day Service
Delivery date	Jul 15, 2005 12:47 PM		
Status	Delivered		

Date/Time	Activity	Location	Details
Jul 15, 2005 12:47 PM	Delivered	SAN JOSE, CA	N/A

[Signature proof](#)[Track more shipments](#)

Email your detailed tracking results (optional)

Enter your email, submit up to three email addresses (separated by commas), add your message (optional), and click **Send email**.

From

To

Add a message to this email.

[Send email](#)[Global Home](#) | [Service Info](#) | [About FedEx](#) | [Investor Relations](#) | [Careers](#) | [fedex.com Terms of Use](#) | [Privacy Policy](#)

This site is protected by copyright and trademark laws under US and International law. All rights reserved. © 1995-2006 FedEx

Insert
airbill
here

FedEx Envelope

Weight Limit: 8 Ounces

NO Longer Limits, Here

Limit

If the g
and airt
apply. E

Do not

For
In t
don
shil
Fed

ORIGIN ID: ZSMA (800) 463-3339
CUSTOMER SERVICE
FDX/SJCA STATION
335 BROKAW RD

SANTA CLARA, CA 95050
UNITED STATES US

Ship Date: 03AUG05
Actual Wgt: 1.0 LB MAN
System#: 0757328/CAFE2264
Account: S *****

(408) 215-4588

FedEx
Express



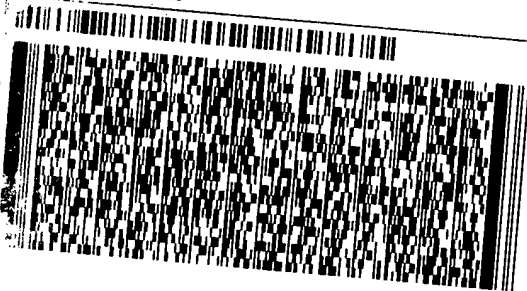
TO RETURNS

NUVELO

675 ALMANOR AVE

SUNNYVALE, CA 94085

REF: 792332070629



Delivery Address
Barcode

BILL RECIPIENT

EXPRESS SAVER PACKAGE

TRK# 6423 1553 1809 Form 0201

FRI

Deliver By:
05AUG05

94085 -CA-US

SJC
SB COAA
A2



Part # 15148-434 NRIT 7-04



age
ound,
live in
lid not
damage,
air may
convention.
International

ation
ered
if
y is
extra
iter



July 14, 2005

VIA FEDERAL EXPRESS

Feiyan Ren
7703 Oak Meadow Court
Cupertino, CA 95014

**Re: Novel Nucleic Acids and Polypeptides
U.S. Serial No. 10/531,164
Docket No.: 819CIP/US**

Dear Feiyan:

Enclosed in this package, please find:

1. A copy of the patent application as filed (including the Sequence Listing and tables);
2. A Declaration;
3. An Assignment document; and
4. Power of Attorney.

Please sign and date all documents and return them to me by **August 15, 2005** using the enclosed pre-paid, pre-addressed FedEx envelope. Note that we have waived the notarization requirement.

Before signing the documents please verify that all your information is correct. If any changes need to be made, cross out the incorrect information, write in the correct information and **initial and date next to the change.**

Please contact me at 408.215.4556 or equertermous@nuvelo.com if you have any questions or concerns.

Very truly yours,

Elena Quertermous
Patent Agent

:ip
Enclosures

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Application Number	10/498,451
Filing Date	June 9, 2004
First Named Inventor	Tang, Yuanhua T.
Title	NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
Art Unit	
Examiner Name	
Attorney Docket Number	820/US

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

34285

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name

Address

City

State

Zip

Country

Telephone

Email

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature		Date	
Name	Feiyan Ren	Telephone	408 215-4000
Title and Company			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 18 _____ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Declaration
Submitted
With Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)Attorney Docket
Number

819CIP/US

First Named Inventor

Y. Tom Tang

COMPLETE IF KNOWN

Application Number

10/531,164

Filing Date

April 12, 2005

Art Unit

Examiner Name

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

04/12/2005

as United States Application Number or PCT International

Application Number

10/531,164

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
PCT/US03/30720	US	09/30/2003	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to:		<input checked="" type="checkbox"/> The address associated with Customer Number:	34285	OR	<input type="checkbox"/> Correspondence address below
Name					
Address					
City		State		ZIP	
Country		Telephone		Email	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])			Family Name or Surname		
Y. Tom			TANG		
Inventor's Signature				Date	
Residence: City	State	Country	Citizenship		
Beverly	MA	US	US		
Mailing Address 25 Broadway #1A					
City	State	Zip	Country		
Beverly	MA	01915	US		
NAME OF SECOND INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])			Family Name or Surname		
Vinod			Asundi		
Inventor's Signature				Date	
Residence: City	State	Country	Citizenship		
Foster City	CA	US	US		
Mailing Address 709 Foster City Blvd.					
City	State	Zip	Country		
Foster City	CA	94404	US		
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.					

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 3 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Feiyan		REN	
Inventor's Signature			Date
Cupertino Residence: City	CA State	US Country	US Citizenship
7703 Oak Meadow Court			
Mailing Address			
Cupertino City	CA State	95014 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Rui-hong		CHEN	
Inventor's Signature			Date
Foster City Residence: City	State	US Country	US Citizenship
1031 Flying Fish Street			
Mailing Address			
Foster City City	CA State	94404 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jie		ZHANG	
Inventor's Signature			Date
Campbell Residence: City	CA State	US Country	PR China Citizenship
4864 Pinemont Drive			
Mailing Address			
Campbell City	CA State	95008 Zip	US Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 4 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Qing A.		Zhao	
Inventor's Signature			Date
San Jose Residence: City	CA State	US Country	US Citizenship
1556 Kooser Road			
Mailing Address			
San Jose City	CA State	95118 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jian-Rui		WANG	
Inventor's Signature			Date
San Jose Residence: City	CA State	US Country	PR China Citizenship
1516 Camino Cerrado			
Mailing Address			
San Jose City	CA State	95128 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Malabika J.		GHOSH	
Inventor's Signature			Date
Seattle Residence: City	WA State	US Country	India Citizenship
725 10th Ave E. # 2			
Mailing Address			
Seattle City	WA State	98102 Zip	US Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet
Page <u>5</u> of <u> </u>	

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Aidong		XUE	
Inventor's Signature		Date	
Sunnyvale Residence: City	CA State	US Country	US Citizenship
1621 So. Mary Avenue Mailing Address			
Sunnyvale City	CA State	94087 Zip	US Country
Name of Additional Joint Inventor, if any:		<input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Tom		WEHRMAN	
Inventor's Signature		Date	
Stanford Residence: City	CA State	US Country	US Citizenship
CCSR Mol Pharm 3210 269 W. Campus Drive Mailing Address			
Stanford City	CA State	94305 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Gezhi		WENG	
Inventor's Signature		Date	
Piedmont Residence: City	CA State	US Country	India Citizenship
415 Moraga Ave. Mailing Address			
Piedmont City	CA State	94611 Zip	US Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental Sheet

Page 6 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Ping		ZHOU	
Inventor's Signature			Date
Cupertino Residence: City	CA State	US Country	US Citizenship
7595 Newcastle Drive			
Mailing Address			
Cupertino City	CA State	95014 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
27635 Red Rock Road			
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Zhiwei		WANG	
Inventor's Signature			Date
Athens Residence: City	GA State	US Country	PR China Citizenship
107 Benedict Court			
Mailing Address			
Athens City	GA State	30605 Zip	US Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 7 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Yunqing		MA	
Inventor's Signature			Date
Santa Clara Residence: City	CA State	US Country	PR China Citizenship
3760 Tamarack Lane #36			
Mailing Address			
Santa Clara City	CA State	95051 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Dunrui		WANG	
Inventor's Signature			Date
Poway Residence: City	CA State	US Country	PR China Citizenship
12252 Pepper Tree Lane			
Mailing Address			
Poway City	CA State	92064 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ASSIGNMENT

Serial No: 10/531,164
Filed: TBD
Title: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

For One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to NUVELO, Inc., a Delaware corporation, 675 Almanor Avenue, Sunnyvale, California, 94085, (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in the above-identified application for Letters Patent of the United States, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

Date

Y. Tom Tang

Date

Vinod Asundi

Date

Feiyan Ren

Date

Jie Zhang

Date

Jian-Rui Wang

Date

Malabika J. Ghosh

Date

Aidong Xue

Date

Tom Wehrman

Date

Gezhi Weng

Date

Ping Zhou

Date

Zhiwei Wang

Date

Yunqing Ma

Date

Dunrui Wang

Date

Rui-hong Chen

Date

Quing A. Zhao

From: Origin ID: (408)215-4381
Legal Department
Nuvelo, Inc.
675 Almanor Ave
Legal Department
sunnyvale, CA 94085



Ship Date: 14JUL05
Actual Wgt: 1 LB
System#: 8548405/INET2200
Account#: S *****

REF: legal dept



Delivery Address Bar Code

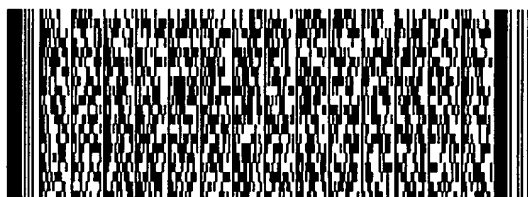
SHIP TO: (408)366-1150

BILL THIRD PARTY

Feiyan Ren

7703 Oak Meadow Court

Cupertino, CA 95014



STANDARD OVERNIGHT

FRI

Deliver By:
15JUL05

TRK# 7905 7752 2765

FORM
0201

SJC

A2

95014 -CA-US

WA COAA



Shipping Label

This shipping label constitutes the air waybill for this shipment.

[View all labels](#)

1. Use the "Print" feature from your browser to send this page to your laser printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping label pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Customer: This service area is provided for your internal use and convenience. Service must be marked on airbill.

FedEx RE ATP
15JUL

Attempted Delivery: 11:17 Reattempt Delivery: 16:30 on 18JUL
Recpt Addr: 7703 OAK MEADOW COURT NO RELEASE NUMBER ON FILE

FedEx Service

Pcs: 1 1 of 1
Emp# 82876 Rt#: 423

FedEx LASTATP
19JUL

Attempted Delivery: 12:48 Last Delivery Attempt.
Recpt Addr: 7703 OAK MEADOW COURT NO RELEASE NUMBER ON FILE

Pcs: 1 1 of 1
Emp# 82876 Rt#: 423

Pkg Trk#: 790577522765

FedEx RE ATP
18JUL

Attempted Delivery: 16:02 Reattempt Delivery: 16:30 on 19JUL
Recpt Addr: 7703 OAK MEADOW COURT NO RELEASE NUMBER ON FILE

Pkg Trk#: 790577522765

Pcs: 1 1 of 1
Emp# 82876 Rt#: 423

Legal Department
Nuvelo, Inc.
675 Almanor Ave
Legal Department
Sunnyvale, CA 94085

Ins
air
he

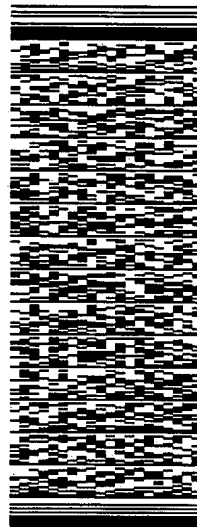
FedEx
Express



CL 500130308/15

SHIP TO: (408)366-1150
Feiyan Ren

7703 Oak Meadow Court
Cupertino, CA 95014



Ship Date: 14JUL05
Actual Wgt: 1 LB
System#: 8848405/INET2200
Account#: S *****

REF: legal dept



Delivery Address Bar Code

STANDARD OVERNIGHT

TRK# 7905 7752 2765 FORM 0201

95014 -CA-US

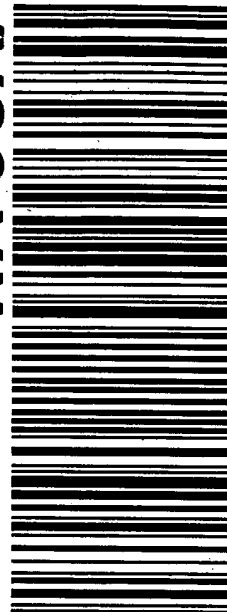
SJC

A2

FRI

Deliver By:
15JUL05

WA COAA



led
board®
AER CONTENT

July 14, 2005

VIA FEDERAL EXPRESS

Tom Wehrman
CCSR Mol. Pharm. 3210
269 West Campus Drive
Stanford, CA 94305

**Re: Novel Nucleic Acids and Polypeptides
U.S. Serial No. 10/531,164
Docket No.: 819CIP/US**

Dear Tom:

Enclosed in this package, please find:

1. A copy of the patent application as filed (including the Sequence Listing and tables);
2. A Declaration;
3. An Assignment document; and
4. Power of Attorney.

Please sign and date all documents and return them to me by **August 15, 2005** using the enclosed pre-paid, pre-addressed FedEx envelope. Note that we have waived the notarization requirement.

Before signing the documents please verify that all your information is correct. If any changes need to be made, cross out the incorrect information, write in the correct information and **initial and date next to the change**.

Please contact me at 408.215.4556 or equertermous@nuvelo.com if you have any questions or concerns.

Very truly yours,

Elena Quertermous
Patent Agent

:ip
Enclosures

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	10/531,164
Filing Date	April 12, 2005
First Named Inventor	Tang, Yuanhua T.
Title	Novel Nucleic Acids and ... 3
Art Unit	
Examiner Name	
Attorney Docket Number	819CIP/US

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

34285

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

<input type="checkbox"/> Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature		Date	
Name	Tom Wehrman	Telephone	408-215-4000
Title and Company			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 15 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☐

Declaration
Submitted
With Initial
Filing

OR

☒

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket
Number

819CIP/US

First Named Inventor

Y. Tom Tang

COMPLETE IF KNOWN

Application Number

10/531,164

Filing Date

April 12, 2005

Art Unit

Examiner Name

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

(Title of the Invention)

the specification of which

☐

is attached hereto

OR

☒

was filed on (MM/DD/YYYY)

04/12/2005

as United States Application Number or PCT International

Application Number

10/531,164

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
PCT/US03/30720	US	09/30/2003	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> The address associated with Customer Number:		34285		OR <input type="checkbox"/> Correspondence address below	
Name					
Address					
City			State		ZIP
Country		Telephone		Email	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])				Family Name or Surname	
Y. Tom				TANG	
Inventor's Signature					Date
Residence: City		State		Country	
Beverly		MA		US	
Citizenship					
US					
Mailing Address					
25 Broadway #1A					
City		State		Zip	
Beverly		MA		01915	
Country		US			
NAME OF SECOND INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])				Family Name or Surname	
Vinod				Asundi	
Inventor's Signature					Date
Residence: City		State		Country	
Foster City		CA		US	
Citizenship		US			
Mailing Address					
709 Foster City Blvd.					
City		State		Zip	
Foster City		CA		94404	
Country		US			
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.					

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 3 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Feiyan		REN	
Inventor's Signature			Date
Cupertino Residence: City	CA State	US Country	US Citizenship
7703 Oak Meadow Court			
Mailing Address			
Cupertino City	CA State	95014 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Rui-hong		CHEN	
Inventor's Signature			Date
Foster City Residence: City	State	US Country	US Citizenship
1031 Flying Fish Street			
Mailing Address			
Foster City City	CA State	94404 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jie		ZHANG	
Inventor's Signature			Date
Campbell Residence: City	CA State	US Country	PR China Citizenship
4864 Pinemont Drive			
Mailing Address			
Campbell City	CA State	95008 Zip	US Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 4 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Qing A.		Zhao	
Inventor's Signature			Date
San Jose Residence: City	CA State	US Country	US Citizenship
1556 Kooser Road			
Mailing Address			
San Jose City	CA State	95118 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jian-Rui		WANG	
Inventor's Signature			Date
San Jose Residence: City	CA State	US Country	PR China Citizenship
1516 Camino Cerrado			
Mailing Address			
San Jose City	CA State	95128 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Malabika J.		GHOSH	
Inventor's Signature			Date
Seattle Residence: City	WA State	US Country	India Citizenship
725 10th Ave E. # 2			
Mailing Address			
Seattle City	WA State	98102 Zip	US Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental Sheet

Page 5 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Aidong		XUE	
Inventor's Signature		Date	
Sunnyvale Residence: City	CA State	US Country	US Citizenship
1621 So. Mary Avenue Mailing Address			
Sunnyvale City	CA State	94087 Zip	US Country
Name of Additional Joint Inventor, if any:		<input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Tom		WEHRMAN	
Inventor's Signature		Date	
Stanford Residence: City	CA State	US Country	US Citizenship
CCSR Mol Pharm 3210 269 W. Campus Drive Mailing Address			
Stanford City	CA State	94305 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Gezhi		WENG	
Inventor's Signature		Date	
Piedmont Residence: City	CA State	US Country	India Citizenship
415 Moraga Ave. Mailing Address			
Piedmont City	CA State	94611 Zip	US Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

DECLARATION**ADDITIONAL INVENTOR(S)
Supplemental Sheet**Page 6 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Ping		ZHOU	
Inventor's Signature			Date
Cupertino Residence: City	CA State	US Country	US Citizenship
7595 Newcastle Drive			
Mailing Address			
Cupertino City	CA State	95014 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
27635 Red Rock Road			
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Zhiwei		WANG	
Inventor's Signature			Date
Athens Residence: City	GA State	US Country	PR China Citizenship
107 Benedict Court			
Mailing Address			
Athens City	GA State	30605 Zip	US Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 7 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Yunqing		MA	
Inventor's Signature			Date
Santa Clara Residence: City	CA State	US Country	PR China Citizenship
3760 Tamarack Lane #36			
Mailing Address			
Santa Clara City	CA State	95051 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Dunrui		WANG	
Inventor's Signature			Date
Poway Residence: City	CA State	US Country	PR China Citizenship
12252 Pepper Tree Lane			
Mailing Address			
Poway City	CA State	92064 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ASSIGNMENT

Serial No: 10/531,164
Filed: TBD
Title: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

For One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to NUVELO, Inc., a Delaware corporation, 675 Almanor Avenue, Sunnyvale, California, 94085, (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in the above-identified application for Letters Patent of the United States, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

Date	Y. Tom Tang
Date	Vinod Asundi
Date	Feiyan Ren
Date	Jie Zhang
Date	Jian-Rui Wang
Date	Malabika J. Ghosh
Date	Aidong Xue
Date	Tom Wehrman
Date	Gezhi Weng

Date

Ping Zhou

Date

Zhiwei Wang

Date

Yunqing Ma

Date

Dunrui Wang

Date

Rui-hong Chen

Date

Quing A. Zhao

[Close Window](#)Track Shipments
Detailed Results [Print](#)

Tracking number	790577656012	Reference	legal
Signed for by	R.MILLER	Destination	Stanford, CA
Ship date	Jul 14, 2005	Delivered to	Receptionist/Front Desk
Delivery date	Jul 15, 2005 11:46 AM	Service type	Standard Envelope
		Weight	0.5 lbs.

Status Delivered

Signature Proof of Delivery

Click **Request copy of signature** to view delivery information for this shipment.

[Request copy of signature](#)

Date/Time	Activity	Location	Details
Jul 15, 2005	11:46 AM	Delivered	Stanford, CA
	7:37 AM	On FedEx vehicle for delivery	MENLO PARK, CA
	7:07 AM	At local FedEx facility	MENLO PARK, CA
	7:04 AM	Departed FedEx location	OAKLAND, CA
Jul 14, 2005	11:03 PM	Arrived at FedEx location	OAKLAND, CA
	7:13 PM	Left origin	SUNNYVALE, CA
	4:27 PM	Package data transmitted to FedEx	
	3:35 PM	Picked up	SUNNYVALE, CA

[Email results](#)[Track more shipments](#)

Subscribe to tracking updates (optional)

Your Name: Your Email Address:

Email address

Language

Exception
updatesDelivery
updates

<input type="text"/>	English <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	English <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Select format: ☒ HTML ☐ Text ☐ Wireless

Add personal message:

Not available for Wireless or non-English characters.

Elena Quertermous

From: Donna Rose-Burns
Sent: Monday, May 16, 2005 11:05 AM
To: tom_tang_99@yahoo.com; Vinod Asundi; Ryle Goodrich; ryle@summitpost.com; Feiyan Ren ; Jie Zhang; angelaqz@yahoo.com; Qing A. Zhao; Jian-Rui Wang ; Malabika J. Ghosh; Aldong (Jessica) Xue ; weng@sciosinc.com; ping.zhou@attbi.com; wang72_99@yahoo.com; Yunqing Ma; Ruihong Chen; Bryan Boyle - Contact; dwang@celgene.com; dunrui@yahoo.com; info@sbhgenomics.com; wehrman@stanford.edu; rdrmanac@sbhgenomics.com
Cc: Elena Quertermous
Subject: Documents for signature
Importance: High



Declaration - pages 1 and 2.pdf...



Declaration - page 4.pdf



Declaration - page 5.pdf



Declaration - page 6.pdf



Declaration - page 7.pdf



Declaration - page 8.pdf



Declaration - page3.pdf



Assignment.doc

Dear All:

Attached are a Declaration and Assignment for signature. Please sign and date where appropriate for yourself.

Due to new PTO rules, you MUST return a copy of each page of the declaration (whether signed or not) to us as the PTO will no longer accept just the signature page.

As this is my last week at Nuvelo, I would appreciate everyone's cooperation in returning the signed documents to me no later than Thursday, May 19th. Please return the documents via either fax (408.524.8145), electronically (drose-burns@nuvelo.com) or regular mail to Donna Rose-Burns, Nuvelo, Inc., 675 Almanor Avenue, Sunnyvale, CA 94085.

Thank you for all of your assistance and cooperation over the years.

Donna

Donna Rose-Burns
Intellectual Property Administrator
tel.: 408.215.4000
direct: 408.215.4588
fax: 408.524.8145
drose-burns@nuvelo.com

Elena Quertermous

From: Donna Rose-Burns
Sent: Thursday, June 16, 2005 3:37 PM
To: Elena Quertermous
Subject: FW: Delivery Status Notification (Relay)

Scanned By ClamWin: 943



ATT104797.txt



Documents for
signature

-----Original Message-----

From: postmaster@nuvelo.com [mailto:postmaster@nuvelo.com]
Sent: Monday, May 16, 2005 11:07 AM
To: Donna Rose-Burns
Subject: Delivery Status Notification (Relay)

This is an automatically generated Delivery Status Notification.

Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

wehrman@stanford.edu

ATT1047971

Reporting-MTA: dns;evs01a.nuvelo.com

Final-Recipient: rfc822;wehrman@stanford.edu

Action: relayed

Status: 2.5.0

X-Display-Name: 'wehrman@stanford.edu'